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Date Completed: _____ Failure Code: _____

Completed By : _____ Signature : _____

Accepted By : _____ Signature : _____

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** Delay Codes Legend **
W=Whse   C=CrSp   T=Tag   TL=Tool   P=Plan
** Record Time Daily **           Delays
o No      Date      Hours      Code/Hrs

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Emp No	Date	Hours	Code/Hrs
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Estimated cost \$6,000,000 for all three LP turbines (6 rows of buckets).

Justification based on operating life of installed GE 30" last stage buckets. Operating life of these buckets will be exceeded during the next LP outage interval (20 to 30 years total operating time). Leading tip erosion and resonance node characteristics of these buckets imply that there is a high probability of bucket tip failure during the next outage cycle. Avoiding a last stage bucket tip failure with associated forced outage and repair costs justifies the cost of this project. Replacing all six rows of last stage buckets during a single outage will require an outage extension of 1 to 2 weeks. Several manufacturers offer replacement last stage buckets for GE turbines.

**** IMPORTANT NOTICE ****

YOU ARE RESPONSIBLE FOR YOUR OWN SAFETY AND MUST ENSURE THAT THE REQUIRED PPE IS WORN FOR EVERY JOB YOU ARE DOING. IF YOU HAVE ANY QUESTIONS CONCERNING THE WORK RULES, SAFETY CODES, OR REQUIRED PPE, PLEASE CONTACT YOUR SUPERVISOR.

Job Feedback/Historical Notes:



P701881

** Work Order Parts List **

Part No	Description	PO/Req/SIR	Date Due	U/M	Reqd	Commit	Issued/Rcvd
1 20345	WOOD, PLYWOOD	S 508644	10/11/10	EA	50	0	50
2 54165	WOOD, PLYWOOD	S 508644	10/11/10	EA	200	0	200
3 82365	WOOD, PLYWOOD	S 508644	10/11/10	LT	0	0	0
4 DIRECT	REPLACE & INSTALL: UNIT 2, LP TURBINE LAST STAGE BUCKETS, FO	10-45808	02/04/10	EA	1	0	0
5 DIRECT	REPLACE & INSTALL: UNIT 1, LP TURBINE LAST STAGE BUCKETS, FO	10-45808	02/04/10	EA	1	0	0
6 DIRECT	SERVICE CONTRACT RELEASE FOR TOSHIBA FOR LP TURBINE BLADING	10-45808-1	06/01/11	EA	1	0	0
7 DIRECT	FIRST PAYMENT OF 15%, TOSHIBA- LAST STAGE BUCKET REPLACEMENT	10-45808-2	02/10/10	EA	1	0	1
8 DIRECT	FACILITY, RESTROOM, TWO ROOMS, MEN'S ROOM TO INCLUDE FOUR (4	10-79373	06/15/10	EA	1	0	1
9 DIRECT	SERVICE: TRAINING, TURBINE MAINTENANCE, COURSE TG401 STEAM T	11-82867	09/20/10	EA	1	0	1
10 DIRECT	PAY AUTHORIZATION- TOSHIBA U2 LAST STAGE TURB BUCKETS, SHIPM	11-45808-3	08/25/10	EA	1	0	1
11 DIRECT	2ND PAY AUTHORIZATION, TOSHIBA FOR U2 LAST STAGE BUCKETS- 2N	11-45808-4	09/30/10	EA	1	0	1
12 DIRECT	WORK RELEASE- ADDITIONAL, TOSHIBA LP TURB- LAST STAGE BUCKET	11-45808-5	10/18/10	EA	1	0	0
13 DIRECT	SERVICE: PMI INSPECTION, FOR LP TURBINE ROTOR MATERIALS, EQU	11-83887	11/02/10	EA	1	0	1
14 DIRECT	NEW WORK RELEASE- TOSHIBA L-0 BUCKET REPLACEMENT ADDITIONAL	R 277232	11/22/10	EA	1	0	0
15 DIRECT	NEW WR FOR UNIT 1 TOSHIBA L-0 BUCKETS, FOR DESIGN, MATERIAL,	R 277233	11/18/10	EA	0	0	0
16 DIRECT	PA FOR U2 LP TURB LAST STAGE BUCKETS INSTALLATION WHICH IS C	11-45808-6	11/22/10	EA	1	0	1
17 DIRECT	PA FOR U2 LP TURB LAST STAGE BUCKET- COMPLETION OF WORK AND	11-45808-7	12/21/10	EA	1	0	1
18 DIRECT	SERVICE: LIFE ASSESSMENT STUDY, UNIT 2 LOW PRESSURE ROTORS A	11-85864	01/20/11	EA	1	0	0

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